TEST REPORT

E: contact@tjqxgd.com
W: www.tjqxgd.com

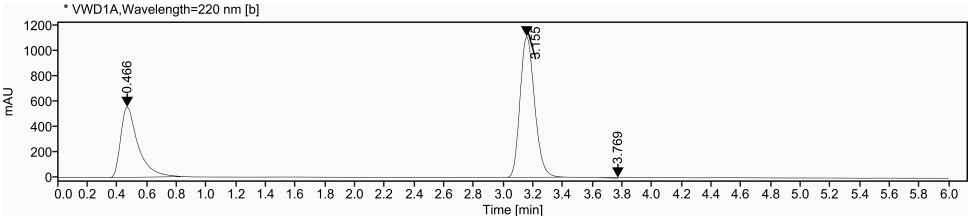
XK20-20260927S6252 **Sample Received: 2026-09-27**

Authentication Code: **Analysis date: 2026-09-27**



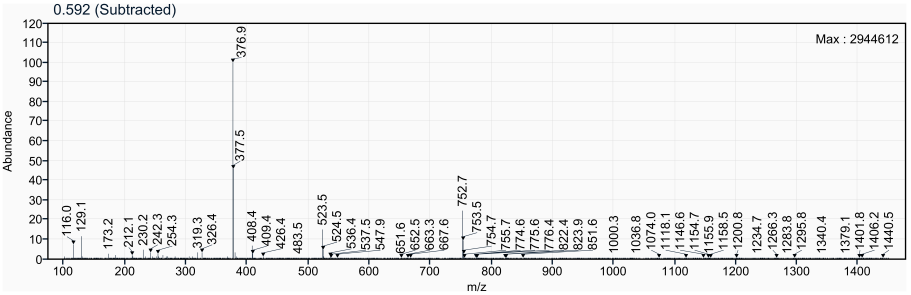
Compound	XK20/Selank & Semax	CAS Number	129954-34-3 80714-61-0
Formula	$C_{33}H_{57}N_{11}O_9$ $C_{37}H_{51}N_9O_{10}S$	Molecular Weight	751.9 813.9
Manufacturer	Peptides Stone Ltd.		

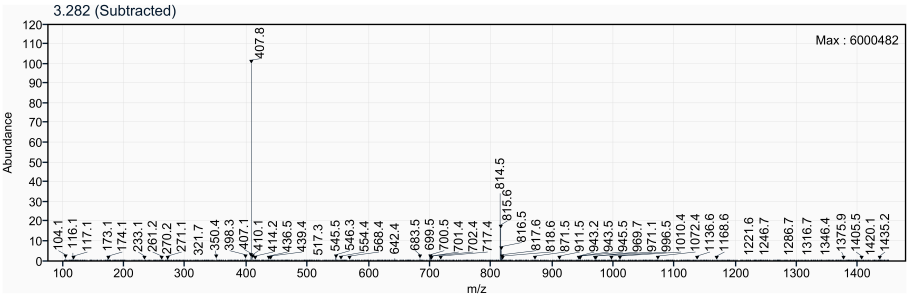
HPLC-MS Details:



Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
0.466	MM m	0.5100	4501.1893	556.4641	37.3021
3.155	MM m	0.4287	7543.3762	1113.7624	62.5132
3.769	MM m	0.1399	22.2930	4.6650	0.1847
		Sum	**12066.8586**		





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Result:

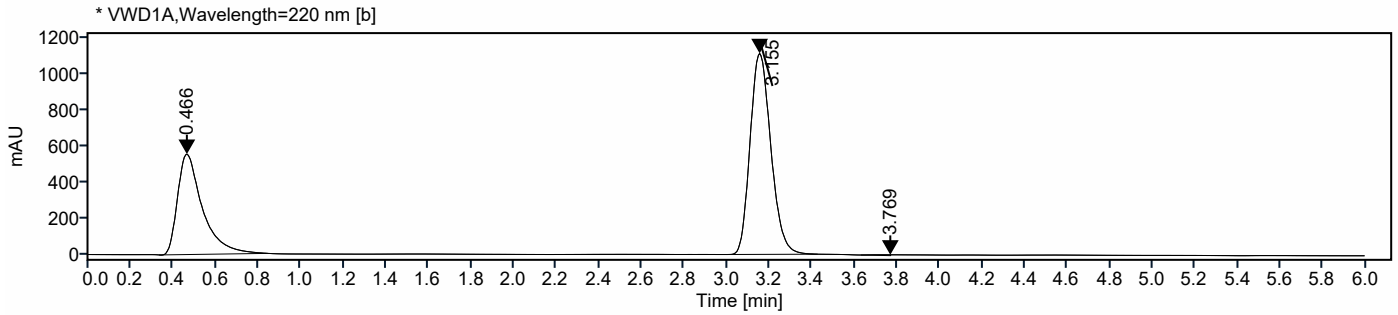
Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.81%(Combination purity)
Mass Spectrum	Conforms to $[M+2H]^{2+}$, $[M+H]^{+}$	Detected
Net Content	9.54 mg (Selank), 9.47 mg (Semax)	

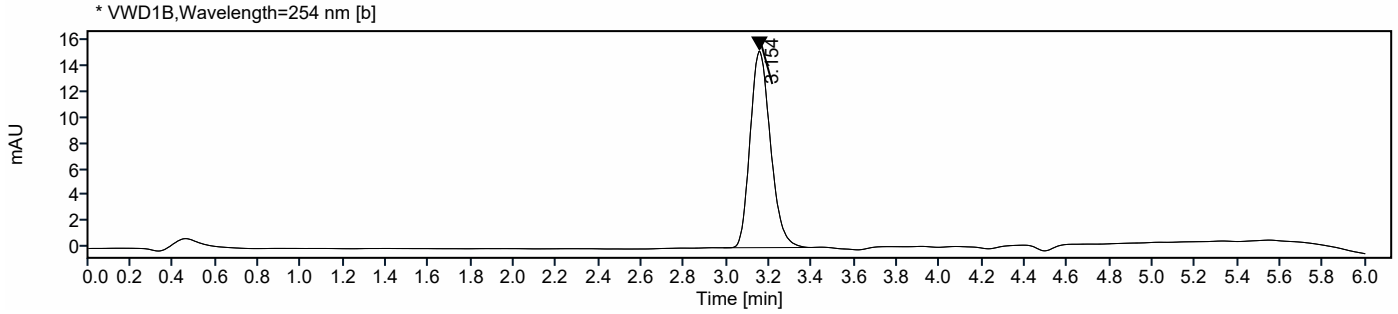
Peng Gao, Data Compilation Zhibo Li, Technical Review

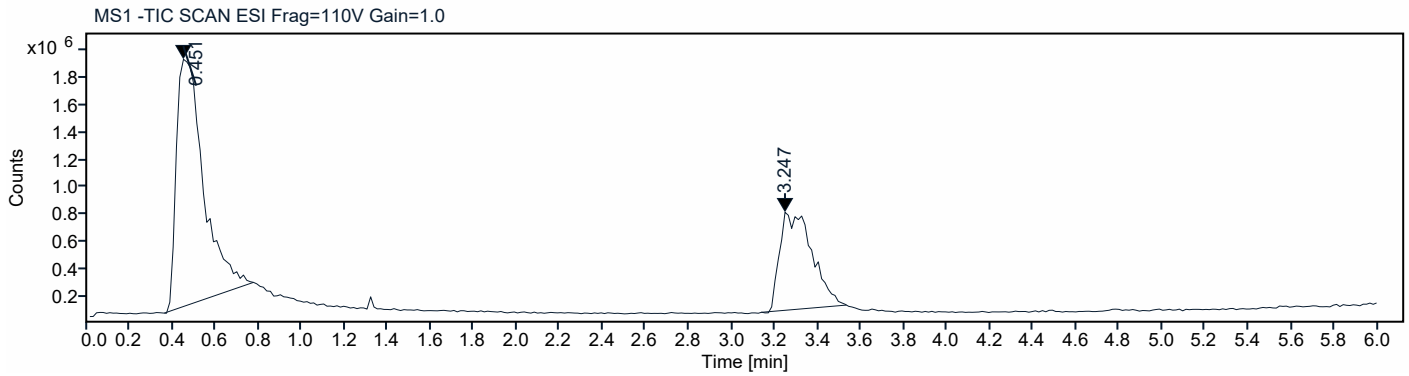
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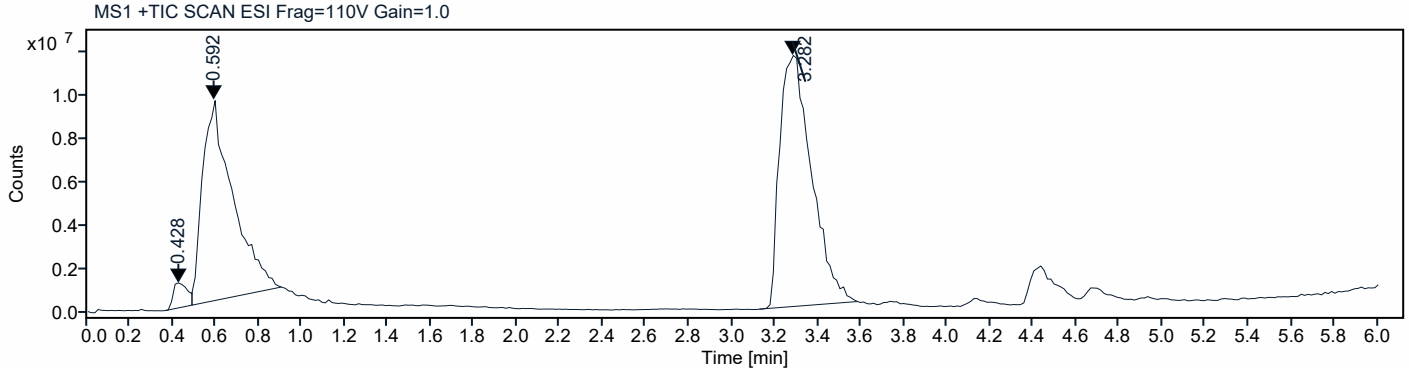
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	XK20.dx	**Project name:**	2026
Sample name:	XK20	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-27 21:22:25+08:00
Inj. volume:	5.000 µL	**Location:**	P1-E5
Acq. method:	LCMS-02AB.amx		
Processing method:	*LCMS-LJJ.pmx		









Signal: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
0.428	MM m	0.1219	5134231.0188	1146374.6152	2.3917
0.592	MM m	0.4154	90583243.0650	9215597.9953	42.1964
3.282	MM m	0.4560	118953040.0189	11517269.3098	55.4119
		Sum	**214670514.1027**		

Signal: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
0.451	MM m	0.4143	15749362.1218	1815381.2751	67.7326
3.247	MM m	0.3963	7502910.2822	719404.6291	32.2674
		Sum	**23252272.4040**		

Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
0.466	MM m	0.5100	4501.1893	556.4641	37.3021
3.155	MM m	0.4287	7543.3762	1113.7624	62.5132
3.769	MM m	0.1399	22.2930	4.6650	0.1847
		Sum	**12066.8586**		

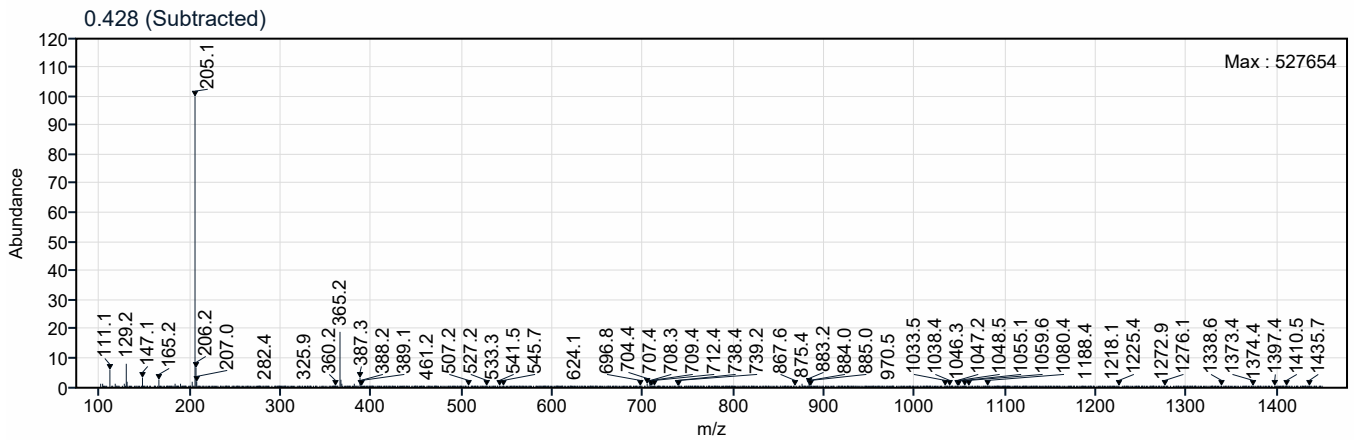
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.154	BB	0.4067	101.3197	15.2489	100.0000
		Sum	**101.3197**		

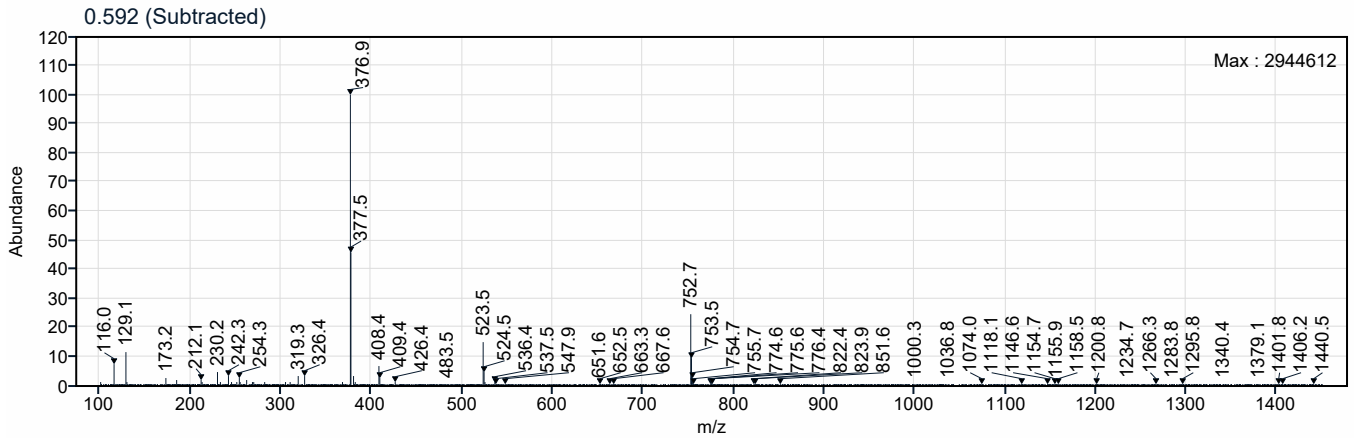
Peak Details (Area Percent at least 1%)

Signal Description: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

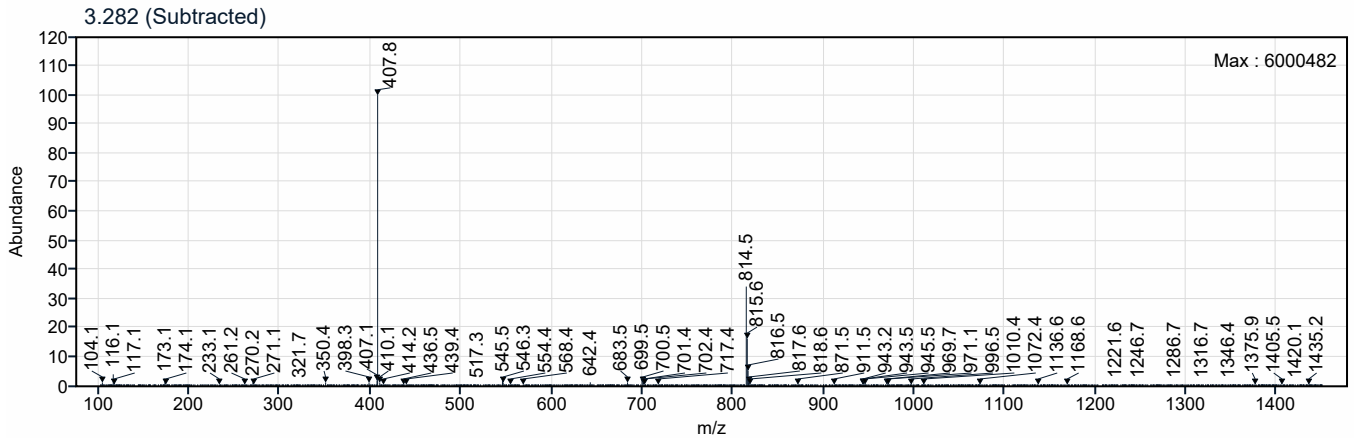
Peak RT: 0.428 min **Area %:** 2.39%



Peak RT: 0.592 min **Area %:** 42.20%

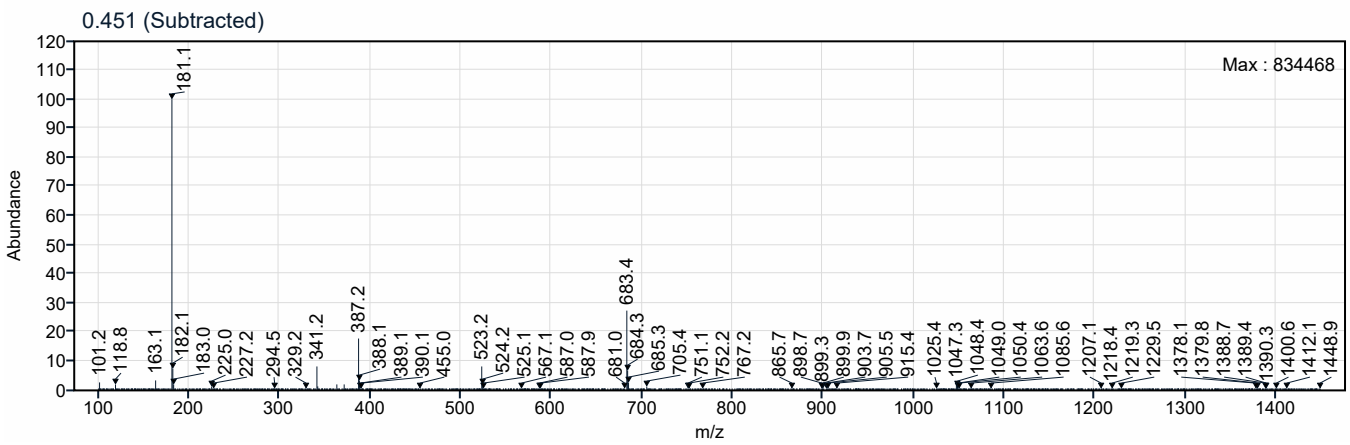


Peak RT: 3.282 min **Area %:** 55.41%



Signal Description: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 0.451 min **Area %:** 67.73%



Peak RT: 3.247 min **Area %:** 32.27%

